



BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

***Name of Work: Estimate for Improvements to
Roads and Drains at Kalparukasha Layout in
ward no 10 Vidyaranyapura Sub Division.***

Estimated Cost: Rs. 10.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: Estimate for Improvements to Roads and Drains at Kalparukasha Layout in ward no 10 Vidyaranyapura Sub Division.

		Estimate Cost:						1000000.00	
SL No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2. Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. Page No. 152 / Item No. 19.2 / PWD SR 2013-14	Cum							
	CC Drain		1	165.00	1.20	1.00	198.00		
							198.00	90.72	17963.00
	Basic Rate	84.00							
	Area Weightage @8%	6.72							
	Total	90.72							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs using 40mm and down size graded granite metal, coarse aggregates @ 0.85 cum and fine aggregates @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 Page No. 12 / Item No. 4.3 PWD SR - 2013-14	Cum							
	CC Drain		1	165.00	1.00	0.15	24.75		
							24.75	4290.84	106198.00
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	4290.84							
3	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No.17 / Item No. 4.31 PWD SR - 2013-14	Sqm							
	For RCC Drain Side Walls		4	165.00		0.65	429.00		
	Covering Slab Bottom		1	165.00	0.60		99.00		
	Covering Slab Sides		2	165.00		0.15	49.50		
							577.50	271.08	156549.00
	Basic Rate	251.00							
	Area Weightage @ 8%	20.08							

Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Total	271.08							
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459 cum with superplasticiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, wall (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 Page No. 13 / Item No. 4.11 PWD SR - 2013-14	Cum							
	Bottom	1	165.00	0.90	0.15		22.28		
	Side Walls	2	165.00	0.15	0.60		29.70		
	Covering Slab	1	165.00	0.90	0.10		14.85		
							66.83	5639.76	376877.00
	Basic Rate	5222.00							
	Area Weightage @ 8%	417.76							
	Total	5639.76							
5	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 19 / Item No. 4.46.2 PWD SR 2013-14 TMT bar Fe 500	Qntl							
		0.65	66.83				43.44		
							43.44	7450.92	323640.00
	Basic Rate	6899.00							
	Area Weightage 8%	551.92							
	Total	7450.92							
6	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
			Vide Item No. 1				118.80	72.71	8637.00
	Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
	Add loading and unloading Vide item no.17.1 P.no.141	62.20							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
			67.32						
	Area Weightage @ 8%		5.39						
	Total		72.71						
7	For Third Part QC inspection Charges @ 1% of Estimate Cost								10000.00
8	Miscellaneous and other Charges	L/S							136.00
								Total	1000000.00

(Rs. Ten Lakhs Only)

CERTIFICATE:

- 1 The work spot has been inspected and the work is found necessary.
- 2 This estimate is prepared as per P.W.D S.R of 2013-14.
- 3 The provisions were made in this estimate are necessary and adequate.
- 4 This works come under B.B.M.P. limits.

Zadhas
Assistant Engineer

Fida
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidayanyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidayanyapura Division
Bengaluru - 560 092

ADMINISTRATIVELY SANCTIONED FOR Rs. 10.00 lakhs

Rupees Ten Lakhs Only

Under _____

Registered as EE () No. _____ 3.....9....

Subject to conditions contained in enclosed memo/EE() No. _____ /9/...

Dt. _____ Estimate A/Sanctioned

Add Comfy) . A.S No. 65.3/13-14

dated 23-12-13 Rs 10.00 Lakhs

Add
Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

Technical Sanction for Rs. 10.00 lakhs
Ten lakhs only.

EE/BTP/181/13-14, 23/12/14

Registered as EE No. _____ Dated _____ Subject _____

to conditions contained enclosed memo.

No. _____ Dr. _____

AE/JE *EE (BTP.Div.)*